

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn) A folding bicycle comprising:
a frame including a top tube, a head tube, a down tube and a seat tube,
a foldable front-wheel assembly including a front wheel fork assembly rotatably attached to the frame and including a front wheel fork extending forwardly of the frame, and a front wheel hingedly mounted to the front wheel fork by a mounting assembly coupling the front wheel to the front wheel fork at a first end and coupling the front wheel to the front wheel fork at a second end,
and
a rear-wheel assembly including chainstays and a rear wheel mounted to the chainstays, wherein the down tube includes at least one tube, and
wherein the front-wheel assembly is foldable by rotating the front wheel fork assembly by approximately 180 degrees and folding it about the hinge toward the down tube to thereby partially position the front wheel adjacent the at least one tube.
2. (Withdrawn) The folding bicycle according to claim 1, wherein the rear-wheel assembly is foldable in that the chainstays together with the rear wheel can be folded around a pivot.
3. (Withdrawn) The folding bicycle according to claim 1, further comprising a handlebar foldable towards the frame.
4. (Withdrawn) The folding bicycle of claim 2, wherein the pivot includes a shaft connected to two coaxial sprockets, wherein front and rear chains are provided connecting a chain ring provided on the frame and a rear sprocket, respectively, with the two coaxial sprockets.
- 5.-12. (Canceled)
13. (Withdrawn) The folding bicycle of claim 1 further comprising a motor.

14. (Withdrawn) The folding bicycle of claim 1 further comprising a second seat support attached to the frame and located behind a first seat attached to the frame.

15. (Withdrawn) The folding bicycle of claim 1 further comprising cranks equipped with folding pedals.

16.-19. (Canceled)

20. (Withdrawn) The folding bicycle of claim 1 wherein the downtube includes two tubes having a gap therebetween.

21. (Withdrawn) The folding bicycle of claim 2 wherein the pivot includes a pivot axis assembly.

22. (Withdrawn) The folding bicycle of claim 1 wherein the mounting assembly includes a first member hingedly connected to the front fork at one, a second member mounted in fixed relation to the first member at one end and releasably connected to the frame at an opposite end.

23. (New) A folding bicycle comprising:
a frame comprising a seat tube and a bearing tube;
a handlebar assembly comprising at least two handlebars, the handlebar assembly rotatably coupled to the frame;

a folding front fork assembly including at least one front fork and a front wheel mounted on the front fork;

the front fork assembly being pivotally coupled to the frame at or near the bottom of the bearing tube and being foldable such that the front wheel is adjacent the frame in a folded position;

wherein each of the handlebars is pivotable between a riding position and a downward position, the downward position positioning at least a portion of each said handlebar between the seat tube and the bearing tube.

24. (New) The folding bicycle of claim 23 wherein the bearing tube defines a bearing tube rotation axis and the front fork assembly is rotatable approximately 180 degrees about the bearing tube rotation axis in a folded configuration.

25. (New) The folding bicycle of claim 23 wherein the front fork assembly is foldable such that at least a portion of the front wheel is adjacent a portion of the frame in a folded configuration.

26. (New) The folding bicycle of claim 23 wherein the handlebar assembly is foldable.

27. (New) The folding bicycle of claim 26 wherein each of the at least two handlebars has a corresponding angled hinge, wherein each handlebar is rotatable at its respective hinge.

28. (New) The folding bicycle of claim 23 further comprising a front fork locking assembly.

29. (New) The folding bicycle of claim 23 further comprising a folding rear wheel assembly including a rear wheel, the rear wheel assembly being rotatable such that the rear wheel is rotated generally upwards with reference to the frame.

30. (New) A folding bicycle that is foldable between a riding configuration and a folded configuration, comprising:

a frame comprising a seat tube and a bearing tube;

a handlebar assembly comprising at least two handlebars, the handlebar assembly rotatably coupled to the frame;

a folding front fork assembly coupled to the handlebar assembly, including a fork and a front wheel mounted on the fork, wherein a first end of the fork is releasably coupled to the bearing tube;

wherein the folding front fork assembly is foldable such that the front wheel is adjacent the frame in a folded position; and

wherein each of the handlebars is pivotable between a riding position and a downward position, the downward position positioning at least a portion of each said handlebar between the seat tube and the bearing tube.

31. (New) The folding bicycle of claim 30 wherein the folding handlebar assembly comprises:

a mounting member coupled to the frame assembly;

at least two spatially separated handlebar mounting assemblies, each respectively hingedly connecting a respective corresponding handlebar to the mounting assembly.

32. (New) The folding bicycle of claim 31 further comprising a latching mechanism that releasably fixes the handlebars in an upright orientation when the folding bicycle is in the riding configuration.

33. (New) The folding bicycle of claim 30 further comprising a folding fork locking assembly.

34. (New) The folding bicycle of claim 33 wherein the locking assembly releasably couples the fork to the bearing tube.

35. (New) The folding bicycle of claim 34 wherein folding the front fork assembly comprises unlocking the locking assembly to release the front fork from the bearing tube.

36. (New) The folding bicycle of claim 30 further comprising a folding rear wheel assembly including a rear wheel, the rear wheel assembly being rotatable such that the rear wheel is rotated generally upwards with reference to the frame.